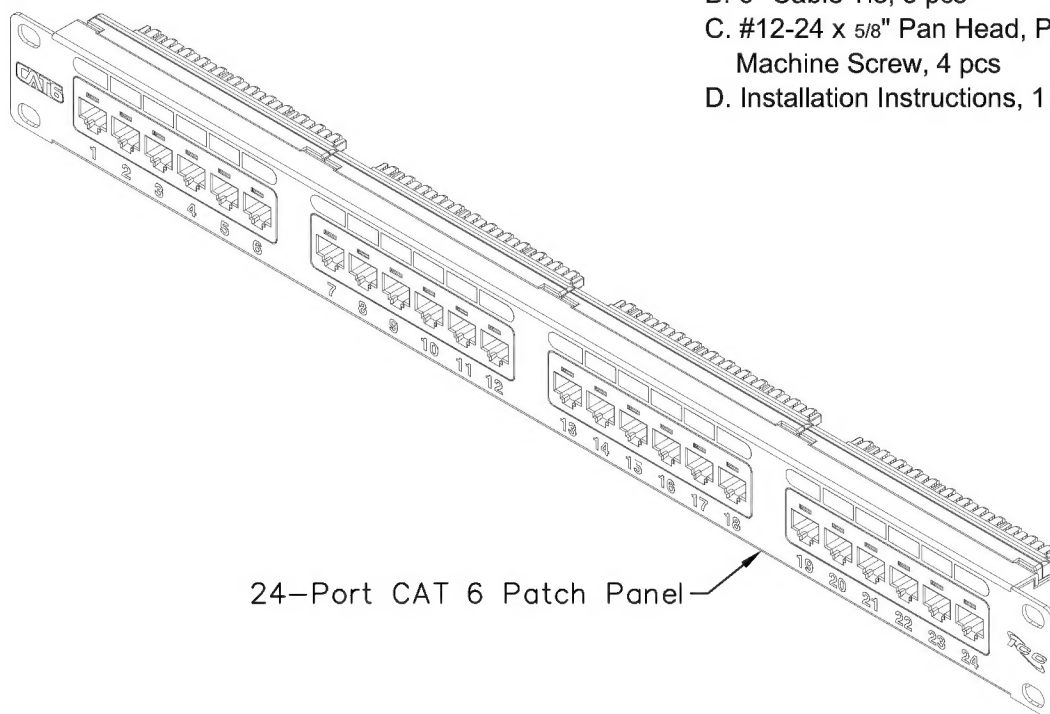


24-Port Category 6 Patch Panel

PRODUCT SPECIFICATION

Package includes:

- A. 24-Port CAT 6 Patch Panel, 1 pc
- B. 6" Cable Tie, 5 pcs
- C. #12-24 x 5/8" Pan Head, Pilot Point Machine Screw, 4 pcs
- D. Installation Instructions, 1 sheet



24-Port CAT 6 Patch Panel

Features and Benefits:

- Rack mounted CAT 6 component rated patch panel provides excellent performance for data networks requiring maximum speed and bandwidth.
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals.
- Exceeds ANSI/TIA-568-C requirements for permanent, channel link and component performances
- Engineered to provide 110 IDC termination reducing installation time.
- Includes an integrated TIA-568A/B color wiring diagram.
- Backwards compatible to all lower rated category components.
- Designed to fit all standard 19" racks and cabinets.
- 1 rack mount space (RMS).
- Used with ICPCSK CAT 6 patch cords and ICACSPDT00 110 punch down tool.
- Installation instructions.
- UL 1863 compliant

PATCH PANEL, CAT 6, 24-PORT, 1 RMS

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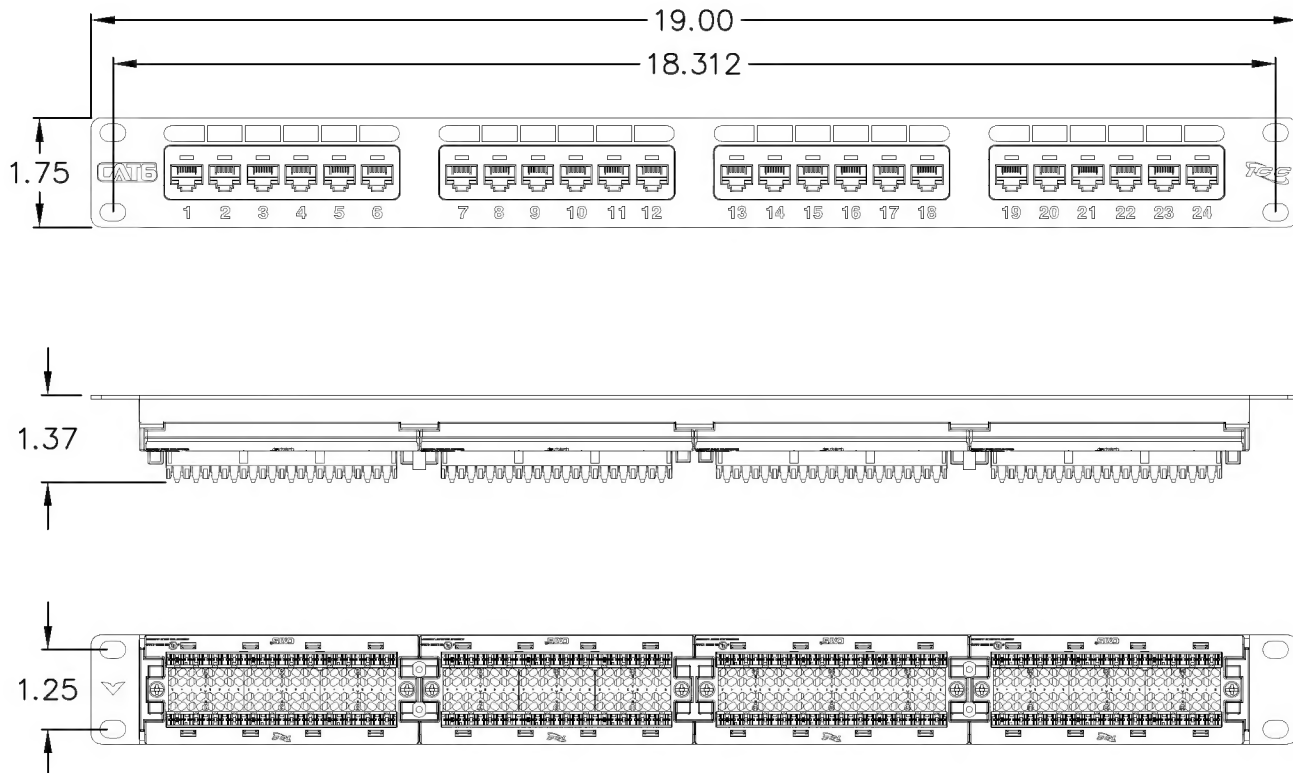
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NOTE: UNLESS OTHERWISE SPECIFIED

1. 24-PORT CAT 6 PATCH PANEL:

A. MATERIAL:

- 24-PORT PATCH PANEL: 16 GA CRS
- JACK HOUSING: HIGH IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
- SPRING WIRE: PHOSPHOR BRONZE
- 110 CONNECTOR: PHOSPHOR BRONZE ALLOY WITH 100 MICRO-INCH ALLOY
- GOLD RATING: 50 MICRO INCHES OF GOLD OVER 100 MICRO INCHES OF NICKEL

B. SURFACE FINISH: BLACK POWDER COAT

C. MECHANICAL:

- MATING FORCE: 100 GRAMS MIN/CONTACT
- TEMPERATURE RANGE: -40°~70°C
- PLUG RETENTION IN JACK: 50N (11 LBS SQ)
- IDC WIRE GAUGE: 22~24 AWG

D. ELECTRICAL:

- CURRENT RATING: 1.5 AMP DC
- CONTACT RESISTANCE: 2.5 MILOHMS MAX

| RJ-45 | 110 CONNECTOR | UNIVERSAL WIRING | |
|-------|---------------|------------------|--------------|
| | | T568B | T568A |
| 5 | 1 | WHITE/BLUE | WHITE/BLUE |
| 4 | 2 | BLUE | BLUE |
| 1 | 3 | WHITE/ORANGE | WHITE/GREEN |
| 2 | 4 | ORANGE | GREEN |
| 3 | 5 | WHITE/GREEN | WHITE/ORANGE |
| 6 | 6 | GREEN | ORANGE |
| 7 | 7 | WHITE/BROWN | WHITE/BROWN |
| 8 | 8 | BROWN | BROWN |

| CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|-------|------|------|------|------|
| FREQUENCY (MHz) | 1.0 | 4.0 | 8.0 | 10.0 | 16.0 | 20.0 | 25.0 | 31.25 | 62.5 | 100 | 200 | 250 |
| NEXT LOSS (db) | 75.0 | 75.0 | 75.0 | 74.0 | 69.9 | 68.0 | 66.0 | 64.1 | 58.1 | 54.0 | 48.0 | 46.0 |
| FEXT LOSS (db) | 75.0 | 71.1 | 65.0 | 63.1 | 59.0 | 57.1 | 55.1 | 53.2 | 47.2 | 43.1 | 37.1 | 35.1 |
| RETURN LOSS (db) | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 28.1 | 24.0 | 18.0 | 16.0 |
| INSERTION LOSS(db) | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.16 | 0.20 | 0.28 | 0.32 |

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PATCH PANEL, CAT 6, 24-PORT, 1 RMS

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